

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number  
**WO 2005/082570 A1**

(51) International Patent Classification<sup>7</sup>: **B23K 35/26**,  
1/00, F25D 23/00

(21) International Application Number:  
PCT/GB2005/000730

(22) International Filing Date: 25 February 2005 (25.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0404275.0 27 February 2004 (27.02.2004) GB

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(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW.

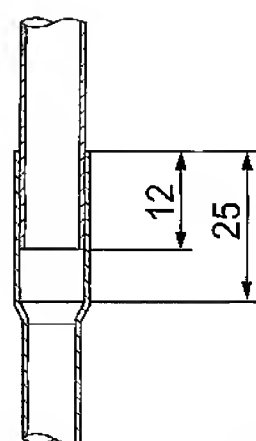
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

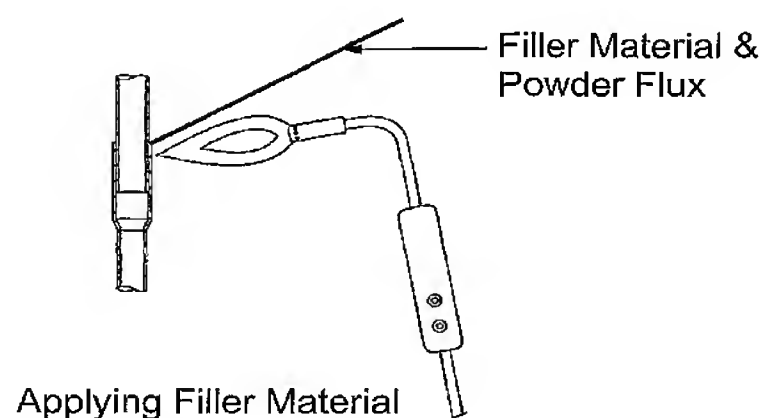
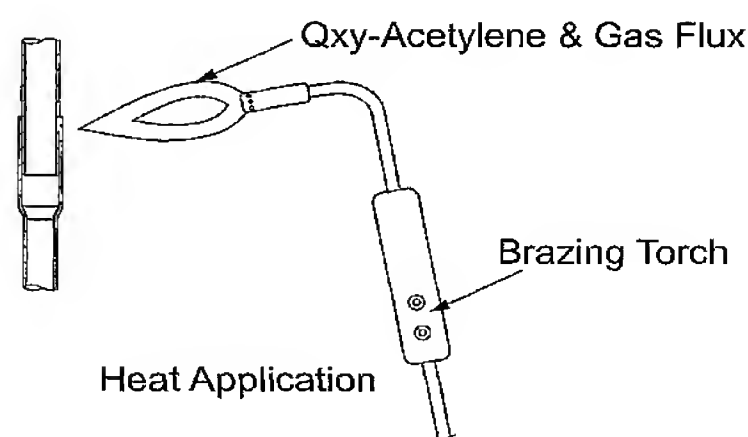
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- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

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ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: COOLING APPARATUS COMPRISING METAL TUBES CONNECTED THROUGH SOLDERED LAP JOINTS



Tubes Assembled Prior to  
Heat Application



(57) Abstract: A cooling apparatus, e.g. a refrigerator or a freezer, comprises an insulated chiller or freezer box, accessible by a door, and means for cooling the interior of the box, said means comprising a heat exchanger including a tube evaporator system, wherein a first part of the system is located inside of the box and a second part of which is located outside of the box, wherein said system comprises a plurality of tubes connected to provide a pathway for a refrigerant which in use is circulated between said first part and said second part of said system. The metal tubes of the system which in use contact refrigerant which is at a temperature of 0 °C or less are connected by lap joints sealed in a gas tight manner by a solder which a) has a melting temperature of from 180 to 300 °C and/or b) is a tin solder.

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